

6. (Amended) Spraying method as claimed in claim 1, characterized in that the accessory liquid (18) is fed through at least one nozzle aperture (26) which is configured at the front end segment of the spray system (2), in the form of an unbroken jet to the spray jet (14).

7. (Amended) Spraying method as claimed in claim 1, characterized in that the liquid atomizer (4) is a rotary atomizing element and in that the accessory liquid (18) is dripped onto the terminal zone (46) of the external periphery of the rotary atomizing element (4) and then is flung off said zone (46), on account of latter's centrifugal forces, into the spray jet (14).

8. (Amended) Spraying method as claimed in claim 1, characterized in that a system component (4), which shall make contact the spray system with the coating liquid on its way to the spray jet (14), is cooled by a fluid and cooled coolant (52) and in that this cold of the coolant is transmitted through the cold conductivity of the system component (4) to the spray coating liquid.

11. (Amended) Spray system as claimed in claim 9, characterized in that the accessory-liquid feed unit (16) is designed to feed the accessory liquid (18) into the spray jet (14) at the front end of the liquid atomizer (4).

12. (Amended) Spray system as claimed in claim 9, characterized in that the accessory-liquid feed unit (16) is designed to feed the accessory liquid (18) distributed around the spray jet (14) into this jet.

13. (Amended) Spray system as claimed in claim 1, characterized in that the accessory-liquid feed unit (16) is designed to deposit at least a portion of the accessory liquid (18) onto a front terminal zone (46) of the external periphery of the liquid atomizer (4) and then to guide said accessory liquid from said zone (46) into the spray jet (14).

14. (Amended) Spray system as claimed in claim 9, characterized in that the minimum of one discharge (26) of the accessory liquid (18) is configured at the front terminal zone of the spray system (2).

17. (Amended) Spray system as claimed in claim 1, characterized in that it comprises a cooling unit (50) to cool at least one component (4) of the spray-system (2) by means of a fluid, cooled coolant (52), said system component (4) being in contact with the coating liquid on its way to the spray jet (14) and being cold-conducting in order to transmit cold from the coolant (52) onto the spray-coating liquid.

20. (Amended) Spray system as claimed in claim 17, characterized in that the coolant is a cooled gas.

REMARKS

The above-referenced application is amended to delete the multiple dependencies of claims 4 to 8, 11 to 14, 17 and 20.